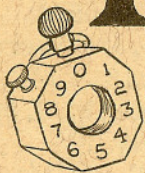


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NEWS

OUTDOORS

S.P.A.A.U. RELAYS, Los Angeles, March 7: 5000m-Bennett, Oxy, 15:06.8; 120HH-Treat, Oxy, 14.3; Thompson, UCLA, 14.4; HJ-Dumas 6'6 $\frac{1}{2}$ "; BJ-Jackson, SC, 24'2 $\frac{1}{2}$ "; PV-Roubanis 146 $\frac{1}{2}$ "; Rose, Ariz. St., 14'6 $\frac{1}{2}$ "; Jeisy, Ariz. St., 14'6 $\frac{1}{2}$ "; tie, Freudenthal, SC, and Morris, Striders, 14'; HSJ-Andrews, S, 47'11 $\frac{1}{4}$ "; SP-O'Brien 62'5" (61'10 $\frac{1}{2}$ " F, 61'8", 62'5"); Long, competing in frosh division but throwing with O'Brien, F, F, 61'6 $\frac{3}{4}$ ", 62'3 $\frac{3}{4}$ ". (Extra trials, Long 63'1 $\frac{3}{4}$ ", O'Brien 62'10"); Humphreys, S, 57'8"; Butt, S, 56'4 $\frac{1}{4}$ "; DT-Babka 176'8 $\frac{1}{2}$ "; Humphreys 164'8 $\frac{3}{4}$ "; Sbordone, SC, 163'8"; JT-Jamison, S, 242'2"; Cantello 236'8"; Held 232'11"; Seymour, S, 224'8"; Ulirch 218'3 $\frac{3}{4}$ "; Luesebrink, Oxy, 214'8"; HT-Connolly 211'3 $\frac{1}{2}$ "; Pagani, NYAC, 189'1"; 440R-UCLA 42.3; 880R-SC 1:28.8; Mile R-SC 3:16.7; Oxy 3:17.2; Striders 3:17.4; 2-mile R-Oxy 7:38.7; UCLA 7:39.3; SC 7:47.5; Dist. Med R-Arizona State, 9:55.5 (Henderson 4:08).

SAN JOSE 79 5/6, STANFORD 49 5/6, SANTA CLARA YOUTH VILLAGE 31 1/3, San Jose, March 7: Ray Norton, San Jose, 9.3w and 20.2; Bob Poynter, SJ, 9.4w and given 20.2, but time was obviously fast, should be more like 20.4 or 20.5; Brooks, SJ, 9.5w; Kellogg, YV, 9.6w; Kellogg 21.0; Brooks 21.2; 440-McNiff, SJ, 48.4; 880-Maloney, SJ, 1:53.8; Mile-Tabori, YV, 4:08.8; 2-mile, Krause, YV, 9:12, Bond SJ 9:22.2; Wallace, S, 9:23.2; LH-Herkenrath, SJ, 23.7; HJ-Wyatt and Holmgren, YV, 6'6"; PV-Mattos, YV, 14'7 $\frac{1}{2}$ "; BJ-Kelly, S, 24'5"; DT-Deweese, S, 164'2 $\frac{1}{2}$ "; Daniels, SJ, 161'3"; JT-Bocks, SJ, 213'1";

SC-UCLA RELAYS, Los Angeles, Feb. 28: Thompson, UC, 14.5; Dumas, SC, 14.8; SP-Branson, UC, 55'4"; Milleman, UC, 53'2 $\frac{3}{4}$ "; Cleves, UC, 52'3 $\frac{1}{2}$ "; JT-Page, SC, 223'5"; 2-mile R-UC, 7:50.4; DistMedR-UC, 10:17.2.

Frosh --San Jose, Williams 9.7, 21.2; Curtis 48.3; Flemons 9.8; Ragsdale 4:23.1.

Prep - Rhodes, Glendale Hoover, 9.7, 21.2; Dunbar, Westmoor, Daly City, 1:56.0; Farmer, Mirarmonte, Orinda, 1:57.1, 19.8 for 180LH; Stuber, Bellflower, 6'8"; Faust, Culver City, 6'6 $\frac{1}{2}$ "; Neal, Fullerton, 4:21.5 in distance medley. (All schools in California).

BORDER OLYMPICS, Laredo, Tex., March 7: Texas 71.1, SMU 43. Souther, Texas, 9.7, 20.5, and leg on 41.0 and 3:13.2 wins. Ahlberg, SMU, 9:16.0 two-mile; Howard, NM, 22.6; Baird, East Texas, 24'9"; Moseley, 23'11 $\frac{1}{2}$ "; Quist, NM, 227'9 $\frac{1}{2}$ ";

AUSTRALIA National championships, Hobart: Feb. 28: 440-Gosper, 47.0; Stanton 47.8; Mile-Lincoln 4:05.6, Murray 4:06.2, Thomas 4:06.2; 6-m-Power 28:55.2; 120H-Chittick 14.3; Prince 14.5; 220ht-Chittick 23.7; JT-Birks, 250', Australian and Empire record; March 2: 220-Bursill 20.9 (may be too much downhill), Waters 21.1; Broadbent 21.2; 880-Blue 1:50.5, Lincoln 1:52.7; 3 miles-Thomas 13:42.8, Power 13:43.4; 440H-Stanton 52.2, Carter 52.6; HJ-Porter 6'8"; Ridgway 6'8"; Leffler, HT, 192'11 $\frac{1}{2}$ ", downhill; DT-Balodis, 158', national record; Melbourne, March 4-- 1000 yards, Elliott 2:25.3, from Blue (2 yards), Murray and Bowden. Agostini 9.5; March 9--Elliott 4:04.1, Lincoln 4:05.5, Murray 4:06.9, Bowden 4:09.5.

SOUTH AFRICA, Benoni, Feb. 15: Day 9.8, 21.3; 440H-Potgieter 52.8; Evans, 47.4; Malan 14.7; duPlessis 172'; Pretoria, Feb. 21: Luxon 9.7; Day 21.2; Evans 1:54.3; 220LHT-Potgieter 23.7, 440H 53.3; Malan 14.2; 2-mile, Swanepoel 9:23.6;

INDOORS

DORTMUND, Germany, Feb. 28: Carper, U.S. Army, 60 yards in 6.0, best ever on board track, from Delecour 6.1, Hary 6.2, Radford 6.2; 1500m-Dohrow 3:50.2, German indoor record, Brenner 3:50.4, Blatt 3:50.5, Rentsch 3:51.6, Blagrove, GB, 3:52.0. 3000m-Muller 8:18.4, Timm 8:19.0; Flosbach 8:20.8. 60HH-Lauer 7.1, Lorger 7.2, Dohen 7.3; Brand 7.5. (Also Lauer 7.2, Lorger 7.3, Dohen 7.4, Shaw, GB, 7.6).

BIG TEN, Madison, Wisc., Mar. 7--Michigan 71, Illinois 48, Ohio State 25.75.
60-Robinson, M, 6.1, EMR; Gregg, M, 6.2, Miller, Ill, 7.2; 300--Robinson 30.3, MR; Brown, 1a, 31; Etherton, Pur, 31; Coleman, Ill, 31.4; 440-Davis, OS, 48.8; Kerr, Ill, 49; Gibson, M, 49.5; 600--Nixon, W, 1:11.3; Strayer, OS, 1:11.7; 880-Seth, M, 1:55.3; Kerr, Ill, 1:55.4; Mile-Lake, MS, 4:10.9; Brown, Ill., 4:12.5; Martin, M, 4:13.6; Enicks, Pur, 4:14.4; Bowers, Ill; 2-mile-Long, Ind, 9:09.6, Edelen, Minn 9:11.4; Kennedy, MS, 9:12.5; MR-OS 3:16.8, MR; Mich, 3:19.8 (Ill, 2nd, disq.). 70HH May, Ind, 8.5; Stanger, M, 8.6; 70LH-Stanger, M, 7.9p Cephias, M, 7.9; Williams, OS, 8.0; May, Ind, 8.1; HJ-Mitchell and Haisley, Ill, 6'6 $\frac{3}{4}$ "; PV-Gibson, M, Johnston, P, 14'2 $\frac{3}{4}$ "; Landstrom, M, 14; BJ-Bird, M, 24'10 $\frac{1}{4}$ "; Foreman, Ill, 24'1 $\frac{1}{2}$ "; SP-Stewart, Ill, 52.2.

HEPTAGONALS, Ithaca, N.Y., March 7: Yale 51.7, Army 41. 2m-Greene, Army, 9:20.7, MR; 60HH-Sinisi, Brown, 7.4, EMR; PV-Murray, Cornell, 13'9; HJ-Hilder, Navy, 6'4"; 1000-Slowik, Y, 2:15.3; 2nd, Carroll, Y; Mile-Benz, Army, 4:21.3; WT-Bagdonas, A, 60'9 $\frac{1}{4}$ "; 600-Stack, Y, 1:12.5; SP-Shine, Penn, 54'3 $\frac{3}{4}$ "; MR-Yale 3:25.9; BJ-Prichard, N, 23'1 $\frac{1}{4}$ ";

KNIGHTS OF COLUMBUS, N.Y., March 7: 60-Winder, Morgan, 6.3; Barnwell, Pitt, ; Collymore; Brown, PS. 600-Culbreath 1:10.9, Jenkins (3y), Smith, Evans; 1000-Murphy, NY AC, 2:09.3; Schmidt, Germany (1y), Scurlock, Soprano. Mile-Delany 4:01.4, world's indoor best; Rozsavolgyi 4:01.8; Almond, Houston frosh, 4:07.7; Close, 4:13.3. (Delany 60.5, 2:02.4, 3:03.9). 2-mile--Lawrence 8:46.8, world's indoor best; Stieglitz., Kopil, Bishop; 60HH-Jones 7.1, Calhoun, Pratt, Urban (Gilbert disq.); PV-Bragg 15; Gutowski 15; Harrington 14; HSJ-Davis 50'5, MR; Sharpe 47'7; Douglas 46'11; HJ-Stead 6'8, Dennis 6'7, Gardner 6'5; SP-Monkofsky 53'11 $\frac{3}{4}$ "; Marone, NYU, 52'6 $\frac{1}{2}$ "; WT Thomson 63'3 $\frac{1}{2}$ "; Dillon 61'3 $\frac{3}{4}$ "; Mile R-Pitt, 3:19.0, Morgan, Manhattan, 2-mile R--PennState 7:35.6, MR; Georgetown, Manhattan.

MILWAUKEE JOURNAL, March 9: 50-Murchison 5.3; Miller, Ill; 600-Jenkins, 1:11.6, MR; Etherton, Atterberry, Culbreath; 1000-Schmidt 2:09.7, MR; Sowell, Leps, Pond; Mile-Delany 4:05.4, Rozsavolgyi (4y), Coleman; 2-mile--Truex 8:47.2, MR; Lawrence, Edelen, Long; MR-Villanova 3:17.8, MR; College Mile--Brown, Ill, 4:12.4, Abington, Enicks; 50HH-May 6.4, McNulty; HJ-Haisley 6'8' Stead 6'8, Dennis 6'8; PV-Bragg 15'2 $\frac{1}{4}$ "; Landstrom 14'8; Poucher 14'8;

U.C.TC. 62, INDIANA 50, Chicago Feb. 28: Wheeler, C, 4:12; Murchison, C, 6.2; Richardson, C, 6'6; Williams, C, 9:16.7; Wheeler 1:57.1.

MINN. 59 2/3, WISCONSIN 55 1/3, Madison, Feb. 28: McKinney, W, 4:14; 440, Nixon, W, 49.3; Rechord, W, 6.3; 70LH-Guerts, W, 8.0; Edelen, M, 9:19.5.

ILLINOIS 63, OHIO STATE 50, Feb. 28: Brown, I, 4:17.8; Davis, O, 48.7, Kerr, I, 49.6; Coleman, I, 6.1; Kerr, I, 1:53.4; 70LH-Williams, O, Coleman, I, 7.9; Brown, I, 9:23.8; Brown, I, 52'4 $\frac{3}{4}$ "; Haisley, I, 6'7 $\frac{3}{8}$ "; Foreman, I, 23'10; Ohio 3:18.5 (Davis 48.6).

SOUTH ATLANTIC AAU, Baltimore, Feb. 28: Winder 6.2 in trials; McComas 50'11 $\frac{3}{4}$ ";

ADDITIONAL CALIFORNIA H.S. MARKS (outdoors): Rhodes 9.6, 20.9; Tripp, Crawford, 9.6; Davis, Long Beach Poly, 49.5; Bob Pierce, Burbank, 14.6, 19.7; Faust 6'7"; Pratt, Dorsey, 13'9 $\frac{1}{2}$ "; Watson, Jordan, LA, 9.7;

BULLETIN BOARD

Next Newsletters, Mar 25; Apr. 15, 29; May 13; June 3, 17; July 1, 15, 29; T&FN Mailed 4/9
Relay and women's all-time bests continue. Please continue to send additions and corrections.

WIND SPRINTS

In Striders' time trials, Charley Butt hit 59'2 $\frac{1}{4}$ "; Schreiner 48.7; Chuck Kirkby 1:53.9; Mal Robertson 4:13.7; Jerome Walters 9:14.3; Bob Humphreys 162'1 $\frac{1}{2}$ "; Al Andrews 48'9" HSJ; Steve Seymour 221'9"; Hal Connolly 215'8"; Ron Morris 14'...no Victorian AAA officials were on hand when Don Bowden arrived in Australia, so he talked awhile with Percy Cerutti and decided to go to Portsea. Then the VAAA came to life, accused Cerutti of "stealing Don away" and Bowden reluctantly went back to Melbourne...of 114 jumpers who have done 24'11 $\frac{1}{4}$ or better, 73 are U.S., 11 Germany, 7 Russian, 5 Japan, 3 French...Russ Bennett, Oxy distance man, is a straight A religion and philosophy major...UCLA has lost javelinist Ron Ulrich, vaulter Larry Brixey and half-miler Bill Knocke by ineligibility...Oxy time trials included Jim Cerveny 1:52.8, Jim Ellfeldt 1:54; Tod White 4:16.8; Bill Peck 4:18 and 9:18, Clarence Treat 14.4; Dave Servis 14'; Tom Pagani, NYAC, is at Glendale College and headed for Occidental...O'Brien's indoor shot is 8 ounces overweight because he lubricates the leather constantly to keep it pliable and he won't unlace it to chip off the extra weight...Angie Coia, Trojan sprinter, is recovering from a 2nd knee operation...Mel Clipper, prep 220 record holder, is at Tenn. A&I...Mike Page says he has done 250 in practice...

THE WORLD'S GREATEST MARATHONER

(An exclusive interview from Norris McWhirter, noted British track authority)

After 766 athletes had battered away for 6 days at Europe's VIth quadrennial track and field championships in Stockholm (Aug. 19-24, 1958) not a single addition was made to the mellow old Olympic stadium's tally over over 60 world records.

Deepest Asia provided, ironically enough, the only athlete to carve a niche in track history. He was the diminutive sphinx-faced Russian, Sergei Konstantinovich Popov, winner of the grinding hilly marathon race. This event has been standardized now for 34 years at the inhuman distance of 26 miles 385 yards. In 1924 the International Amateur Athletic Federation picked on this odd distance because it was the one used in the epic race at the IVth Modern Olympic Games in London in 1908. The route surveyed from Windsor Castle to the Shepherd's Bush Stadium was exactly 26 miles but at Queen Alexandra's insistence 385 yards were added so that the event should finish not at the stadium entrance but in front of the Royal box.

On the sixth and last day at Stockholm, at 4:15 p.m. a full 5 minutes before the organizers had thought possible, a tiny scarlet-vested runner hustled into the stadium. Hilding Lofgren, the chief timekeeper and his 17 assistants blinked in disbelief at the slender stuttering hands of their stop watches. A Russian called Popov had arrived in the stadium before their watches had reached even $2\frac{1}{4}$ hours. As is the custom in Scandinavia, a laurel wreath was thrown over the neck of the first man to reach the stadium.

The capacity crowd of 28,000 hardly knew whether to gasp or laugh as the little Siberian beetled on almost lost under a halter of greenery that hung down to his busy little knees. Wearing a rather puzzled expression, this most astounding product of the whole Stockholm trackfest seemed at once comic and heroic. He snapped the taut sanctuary of the tape to end his ordeal in a prodigious 2:15:17. Spurning a blanket proffered by a medical attendant and lifting off the embarrassment of his laurels, the victor peered long and hard at the stadium entrance. He was acutely interested to see who, among the 25 starters, was going to join him in the victory stand for the Soviet anthem "Soyuz Nerushimy".

One by one binoculars ceased to be strained on the Valhallavagen Gate. After nearly 5 minutes had gone by spectators and pressmen were seriously wondering whether, like the Olympic champion Mimoun, all the other marathoners had decided to call it a day. Attention wandered back to the javelin runway and high jump pit. Suddenly, almost unnoticed, two more little men appeared for the silver and bronze medals. They were the Russian Ivan Filin, who had reached the stadium first in Berne in 1954, and the now fast failing British coalminer Fred Norris, who was in the process of recording a brilliant personal best at 36 years.

Popov trotted across to greet Filin and Norris. Only when the time of the first three flickered up on the giant electric scoreboard did the track-wise crowd realize what they had witnessed: Popov, Russia, 2:15:17; Filin, Russia, 2:20:50; Norris, GB, 2:21:15. Here was the greatest feat in marathon running since the event was inaugurated in Greece 62 years ago. Popov was the first man ever to average over $11\frac{1}{2}$ miles per hour.

The belated admission in April, 1957 that the famously fast Boston, Mass., course was 1,187 yards short of the standard distance had reinstated the 2:17:39.4 by England's Jim Peters over the Windsor Castle to Chiswick course as the world's fastest. This mark made along the flat valley of the River Thames on the west side of London, was made in 1954. It is accepted among marathon men that point to point courses such as Windsor to Chiswick and Boston are easier and more flattering than out and home courses, in which every out-bound down-grade becomes a homebound up-grade. Peters, also held the fastest time for an out and home course of 2:18:34.8, made from Turku, Finland, in 1953. It was against this background that the organizers had come to the decision that the earliest possible time at which anyone could be expected to cover the tough, hilly Stockholm course to bring them back to the stadium was 4:20 p.m.

Within less than three hours of his superhuman performance, Popov was among the Russians attending the official farewell party at Stockholm's famed Stadhuset. It was there that armed with a Russian interpreter I managed to extract some of the secrets of why this man could do something better than any of his 1400 million fellow men. He was being chaperoned by the Russian Chef de Mission. My interpreter sought permission for what turned out to be the only interview to which Popov has ever been subjected outside Russia. The Pravda correspondent was encouraged to listen in, though he doubtless regarded my questions as strangely personal and quite outside the severely limited scope of Soviet reporting. The Chef de Mission granted the request in a fatherly way on one condition. Popov must leave the buffet-dance at 10 p.m. --two hours earlier than Cinderella had to settle for.

Under the lights of a chandelier of almost Mascovite proportions Popov, who in the stadium had looked like a 15 year old kid, looked impish but wizened. He was dressed in a grey suit which fitted where it touched. It was altogether too baggy for its tough little occupant. He told me that he was born on Sept. 21, 1930 at Irkutsk in Siberia. He was the fourth child of a family of nine with three brothers and five sisters. His parents were confident that he was going to win and he was sure that by now they would have heard of his victory on the radio. He first found, he said, that he could run "back in 1953 in the Red Army". His marathon of a few hours before was the seventh of his career. He suffered no crises during the race, and, apart from a barely detectable stiffness in one calf, could feel no ill effects at all of his world record breaking performance. After some consultation with my interpreter, who, being a Muscovite, had considerable difficulty with the little man's strong Siberian accent and drawled vowel sound, Popov admitted that in 1956 he very nearly gave up running all together because of a chronic stitch. With an impish grin he said he thought that this disability was now conquered.

In a good month he trained 800 kilometers (497 miles). He never did more than 31 miles in a day. Looking a little furtive, he admitted to an occasional day's rest. Before this race he weighed 119 pounds and he is 5'3". Seated on a big chair, his wirey little legs seemed to dangle. When asked if he had ever been submitted to physiological tests he became uneasy. After a, to me unintelligible, consultation he announced that in the morning his pulse was a steady 45 (the average rate is usually regarded as 72). Popov attached great importance to training with weights and said with some pride that he was able to clean and jerk more than his own body weight. Pressed for an exact figure he settled for 132 pounds. Though good for a little chap it is nothing much compared with the bantam-weight world record of 307½ pounds by Chen Tsin Kai of China--the only man in the world to raise over 2½ times his bodyweight.

Looking to the future, the Siberian told of his hopes to win the Russian marathon title in 1959 and Russia's first Olympic marathon championships at Rome in 1960. When asked if he thought he could survive the high temperatures and humidity expected in Rome in early September, it was clear that he had never given the matter a thought. He indicated that if he could survive training in a temperature of minus 40 in Irkutsk he did not think that he would mind plus 40 (104 degrees F) in Rome. Anyway, even though they had an annual average temperature of below freezing, in July Irkutsk was also very hot. His work as an electro-mechanician in the local locomotive works was sedentary. He thus found marathon training a rest. Here he permitted himself his first chuckle. He had no fads as regards food though he thought he ate rather more than most people. During the race his total intake was 2 glucose tablets at the 18, 6 mile mark when he was leading by ¼ mile from Norris and one swig of hot team at 21.7 miles. The interpreter made it clear he meant Russian team, namely milkless.

Popov had now been answering questions for over half an hour and he was chafing to get away. As a final shot I asked him whether he had any message for Jim Peters, the great British marathon runner whose performance he had now eclipsed. "Please tell mr. Peters I am very sorry that I have broken his record" he said and then after a prompt, added hastily, "Please also send my best wishes and wishes of all Soviet sportsmen to their English comrades." Just as he was about to leave I had to ask him two more questions. "How many seconds to you think you lost with that heavy wreath around your neck in the stadium?" Back came the answer as quick as lightning "Semdyaset (17)". My parting shot was "how fast do you think a marathon can be run?" His reply was less exact but an equally convinced "for me about 2 hours 10 minutes." With that he got off his chair and went off to seek a Russian girl to partner him for dancing.

After conveying my thanks to my most helpful and patient interpreter I went to the balcony over looking the huge marble dance floor. There below in the thick of it clutching a very homely Russian girl athlete was the little iron man. As he was swirled off in an old fashioned waltz I knew that right there was the mightiest distance runner yet thrown up by the human race.

* * * * *

RON DELANY, in the Long Distance Log: "My biggest disappointment in athletics was in never winning the IC4A cross country. I wasn't disappointed at all in the European 1500. Coming into the last 50 meters I was planning on just getting in ahead of Waern. Then Hewson went by like a cannonball and I started laughing. There was nothing I could do now in the last 20 yards. I couldn't believe it.

"The funniest thing I ever saw in track was Armin Hary after his 'good guess' start in the European 100m. Hary won easily and then rushed back and kissed the starter twice for the wonderful gift.

SPRINT MEDLEY RELAY (. . .)

<u>Time</u>	<u>Team</u>	<u>Meet</u>	<u>Place</u>	<u>Date</u>
3:18.8	California, University of (Jack Yerman 47.1, Monte Upshaw 21.9, Willie White 20.8, Don Bowden 1:49.0)	California Relays	Modesto	5.31.58
3:19.5	Oklahoma, University of (Gary Parr 48.5, John Pellow 22.4, Dee Givens 20.6, Gail Hodgson 1:48.0)	Kansas Relays	Lawrence	4.18.58
3:19.6n	Houston, University of (Jack Smyth 48.3, Charles Gary 21.0, Jack Parrington 20.7, Don Loadman 1:49.6)	Kansas Relays	Lawrence	4.18.58
3:19.7	Oklahoma State University (Ken Covert 47.9, Orlando Hazley 20.3, Bob McFarland 20.7, Tom Burch 1:50.8)	Kansas Relays	Lawrence	4.18.58
3:19.8	California, University of (Jack Yerman 46.7, Maynard Orme , Willie White , Don Bowden 1:49.1)	Texas Relays	Austin	4.28.58
3:20.0n	Nebraska, University of (Keith Gardner 45.7, Dick Jahr , Keith Young , Mike Fleming 1:52.0)	Kansas Relays	Lawrence	4.18.58
3:20.2	Kansas, University of (Frank Cindrich , Ralph Moody , Dick Blair , Wes Santee 1:48.3)	Texas Relays	Austin	4.2.54
3:20.3	Oklahoma A&M (J. W. Mashburn 47.5, Marion Muncrief , Jackie Hays , Bill Heard 1:49.5)	Texas Relays	Austin	4.1.55
3:20.4	Oklahoma A&M (J. W. Mashburn 46.7, Jackie Hays , Fred Schermerhorn , Bill Heard 1:50.5)	Drake Relays	Des Moines, Ia.	4.29.55
3:20.4n	Kansas, University of (Bob Tague 1:48.9)	Kansas Relays	Lawrence	4.18.58
3:20.9	California Frosh, Univ. of (Monte Upshaw 48.8, Jack Merchant 22.5, Leamon King 20.7, Don Bowden 1:48.9)	California Relays	Modesto	5.21.55
3:21.0	U.C.L.A. (Russ Ellis 47.7, Stan King , Rafer Johnson , Bob Seaman 1:49.5)	California Relays	Modesto	5.26.56
3:21.0n	Texas, University of (Jimmy Holt 48.2, Wally Wilson , Eddie Southern , Joe Vaillarreal 1:50.7)	Kansas Relays	Lawrence	4.18.58
3:21.1n	Los Angeles State College (Mal Whitfield 1:48.5)	California Relays	Modesto	5.26.56
3:21.1	Southern California Striders (Mike Larrabee 47, Mel Clipper 21.8, Ken Dennis 21.1, Lang Stanley 1:51.5)	California Relays	Modesto	5.25.57
3:21.4	Kansas, University of (Frank Cindrich , Ralph Moody , Dick Blair , Wes Santee 1:49.8)	Drake Relays	Des Moines, Ia.	4.23.54
3:21.8	Kansas, University of (Don Smith 48.3, Frank Cindrich , Dick McGlinn , Wes Santee 1:49.4)	Texas Relays	Austin	3.27.53
3:21.8	Occidental College (John Zetzman 48.3, Rudy Alston 20.9, Dennis Bambauer 21.1, Ty Hadley 1:50.5)	Occidental Invitational	Los Angeles	5.23.58
3:21.9	Emporia State Teachers (Kans.)	Drake Relays Coll.	Des Moines, Ia.	4.29.55
3:21.9	Oklahoma, University of	Texas Relays	Austin	4.5.57
3:21.9n	Stanford University	Texas Relays	Austin	3.28.58
3:21.9	Nebraska, University of	Drake Relays	Des Moines, Ia.	4.25.56
3:22.0n	Illinois, University of	Drake Relays	Des Moines, Ia.	4.23.54
3:22.0n	San Jose State College	California Relays	Modesto	5.26.56
3:22.0n	Kansas, University of	Texas Relays	Austin	4.5.57
3:22.3n	Texas, University of	Drake Relays	Des Moines, Ia.	4.26.58
3:22.4n	Michigan State College	Drake Relays	Des Moines, Ia.	4.29.55
3:22.4n	Colorado, University of	Kansas Relays	Lawrence	4.18.58
3:22.5	British Commonwealth	v. U.S.A.	Sydney, Austr.	12.5.56
3:22.5	Villanova University	Penn Relays	Philadelphia	4.26.58
3:22.6	Emporia State Teachers (Kans)	Kansas Relays	Lawrence	4.20.57
3:22.6	Emporia State Teachers (Kans)	Drake Relays Coll.	Des Moines, Ia.	4.26.57
3:22.6n	Oklahoma, University of	Drake Relays	Des Moines, Ia.	4.26.58
3:22.7	New York University	Penn Relays	Philadelphia	4.28.50
3:22.7n	United States	v. Br. Commonwealth	Sydney, Austr.	12.5.56
3:22.7	England	Invitational	London	8.2.58
3:22.7n	Canada	Invitational	London	8.2.58
3:22.8n	Morgan State College	Penn Relays	Philadelphia	4.28.50
3:22.8	Oklahoma A&M	Kansas Relays	Lawrence	4.23.55
3:22.9n	Emporia State Teachers (Kans.)	Texas Relays	Austin	4.5.57

DISTANCE MEDLEY RELAY (440, 880, 1320, Mile)

<u>Time</u>	<u>Team</u>	<u>Meet</u>	<u>Place</u>	<u>Date</u>
9:42.0	Southern California Striders (Mike Larrabee 46.8, Hal Butler 1:54.7, Lang Stanley 2:59.7; Jerome Walters 4:00.8)	West Coast Relays	Fresno, Cal.	5.11.57
9:42.3n	California, University of (Art Stewart 48.3, Maynard Orme 1:52.9, Bob House 2:59.6, Don Bowden 4:01.5)	West Coast Relays	Fresno, Calif.	5.11.57
9:49.7	Occidental College (Dennis Bambauer 47.8, Dave Reishord 1:53.6, Ty Hadley 2:59.5, Larry Wray 4:08.8)	California Relays	Modesto	5.25.57
9:50.0n	U.C.L.A. (Stan King 48.4, Russ Ellis 1:52.9, John Seaman 3:02.6, Bob Seaman 4:06.1)	West Coast Relays	Fresno, Cal.	5.11.57
9:50.4	Kansas, University of (Frank Cindrich, Lloyd Koby, Art Dalzell, Wes Santee 4:07.4)	Drake Relays	Des Moines, Ia.	4.24.54
9:50.8	Oklahoma, University of (Hy Gernert 47.9, Bob Ringo 1:52.9, Ernst Kleynhans 3:02.7, Gail Hodgson 4:07)	Kansas Relays	Lawrence	4.19.58
9:51.2	California, University of (Jack Yerman 47.3, Jerry Siebert 1:50.1, Maynard Orme 3:02.2, Don Bowden 4:11.7)	West Coast Relays	Fresno, Cal.	5.10.58
9:51.7	Kansas, University of (Ray Wyatt 49, Lowell Janzen 1:49.5, Hal Long 3:00.6, Jerry McNeal 4:12.6)	Drake Relays	Des Moines, Ia.	4.27.57
9:51.8	U.C.L.A. (Bob Daligny 49, Russ Ellis 1:52.3, Bob Hunt 3:00.6, Bob Seaman 4:09.9)	California Relays	Modesto	5.21.55
9:52.7n	Occidental College (Dennis Bambauer 47.6, Dave Reishord 1:53.3, Ty Hadley 2:58.8, Larry Wray 4:12.9)	West Coast Relays	Fresno, Cal.	5.11.57
9:52.8	Southern California, Univ. of (Ted Smith 47.5, Bob Shankland 1:50.5, Wes McLeod 3:02.9, Max Truex 4:11.9)	California Relays	Modesto	5.31.58
9:53.6n	Occidental College (John Zetzman 47, Tod White 1:53.4, Dave Reishord 3:04.6, Ty Hadley 4:08.6)	California Relays	Modesto	5.31.58
9:54.3n	Southern California, Univ. of (Murray Cockburn, Wes McLeod, Ray Hale, Max Truex)	California Relays	Modesto	5.25.57
9:54.4n	Southern California, Univ. of (Howard Smith 48.7, Bill Taylor 1:52.7, Martell Montgomery 3:01.3, F. Ledesma 4:12.7)	California Relays	Modesto	5.21.55
9:54.4	Oklahoma, University of (Gary Parr 49, Bob Ringo 1:54.9, Ernst Kleynhans 3:05.5, Gail Hodgson 4:05)	Texas Relays	Austin	3.28.58
9:55.3	Villanova University (Vince DiMaio 1:56, Ed Collymore 47.6, Godesky 3:05.2, Ron Delany 4:06.5)	Penn Relays	Philadelphia	4.26.58
9:55.6	San Francisco Olympic Club (Len Simpson 1:52.3, Phil Arnot 55.3, Lon Spurrier 2:58.9, Lowell Zellers 4:09.1)	Santa Barbara Relays	Sta. Barb., Cal.	3.31.56
9:56.0	Kansas, University of (Mike Cummins 49, Lowell Janzen 1:49.5, Hal Long 3:05, Jerry McNeal 4:12.3)	Texas Relays	Austin	4.5.57
9:56.3	Michigan, University of (Aaron Gordon 1:54.2, Jack Carroll 46.1, John Ross 3:04.8, Don McEwen 4:11.2)	Ohio Relays	Columbus	4.19.52
9:56.7	U.C.L.A. (Bob Carne 48.6, Russ Ellis 1:55.3, Bob Holland 3:05.3, Bob Seaman 4:07.6)	West Coast Relays	Fresno, Cal.	5.12.56
9:56.8n	Texas, University of (Ed Southern 46.7, Drew Dunlap 1:51.7, Walt McNew 3:09.5, Joe Villarreal 4:08.9)	Texas Relays	Austin	3.28.58
9:56.9n	Michigan State University (Dave Lean 1:53.3, Brian Castle 48, Willie Atterberry 3:03.2, Forddy Kennedy 4:12.4)	Penn Relays	Philadelphia	4.26.58
9:57.6	Texas, University of (Jim Holt, Drew Dunlap, Keith Pitner, Joe Villarreal 4:11.5)	Drake Relays	Des Moines, Ia.	4.26.58
9:57.7	Occidental College (Sherman Miller 48.1, Hal Butler 1:53.8, John Barnes 3:02, Bob McMillen 4:13.8)	West Coast Relays	Fresno, Cal.	5.10.52
9:58.1	Villanova University (Charley Jenkins, Roland Simpson, Alex Breckenridge, Ron Delany 4:09.6)	Penn Relays	Philadelphia	4.28.56
9:58.9	Occidental College (Rel Schmitt 48.8, Eddie Shinn 1:53.4, Claude Fiddler 3:05, Jim Terrill 4:12.5)	California Relays	Modesto	5.22.54
9:59.4	North Texas State College (Alvin Chrisman, Henry Morgan, Wayne Rideout, Blaine Rideout)	Penn Relays	Philadelphia	4.29.38
9:59.6n	San Francisco Olympic Club (Len Simpson 4:08.8)	West Coast Relays	Fresno, Calif.	5.12.56
9:59.8 (disq.)	Oklahoma A&M (Fred Ashmore 48.5, Bill Heard 1:52.6, Fred Eckhoff 3:00.1, Sture Landqvist 4:18.6)	West Coast Relays	Fresno, Cal.	5.15.54

Women's All Time List

Broad Jump

(p = made in pentathlon; q = made in qualifying round)

Elzbieta Krzesinska(Dunska) (Poland)	6.35	(20'10)	1	Budapest	20. 8.56
Galina Vinogradova-Popova (USSR)	6.31	(20'8 ³ / ₈)	1	Tbilisi	18.11.55
Yvette Williams-Corlett (N.Z.)	(6.286)	20'7 ¹ / ₂	1	Gisborne	20. 2.54
Nina Kazmina-Protchenko (USSR)	6.28	(20'7 ¹ / ₄)	1	Moscow	17. 8.57
Ludmila Radchenko(Chen) (USSR)	6.28	(20'7 ¹ / ₄)	1	Kiev	7. 9.58
Francina Blankers (Koen) (Holland)	6.25	(20'6 ¹ / ₈)	1	Leiden	10. 9.43
Nadezhda Dvalishvili(Khynkina)USSR)	6.25	(20'6 ¹ / ₈)	1	Tbilisi	16. 5.54
Aleksandra Chudina (USSR)	6.24	(20'5 ³ / ₄)	1	Budapest	23. 9.53
Olga Gyarmati (Hungary)	6.23	(20'5 ¹ / ₄)	1	Budapest	20. 9.53
Beverley Weigel (New Zealand)	(6.23)	20'5 ¹ / ₄	1	Auckland	9. 2.57
Elfriede Brunemann(v.Nitsch)(Germ)	6.21	(20'4 ³ / ₈)	1	Hannover	4. 9.49
Erika Fisch (Germany)	6.21	(20'4 ³ / ₈)	1	Cologne	29. 8.58
Margaret Matthews (USA)	6.18	(20'3 ³ / ₈)	1	Budapest	6. 8.58
Galina Bystrova (Dolzhenkova) (USSR)	6.17	(20'3)	p	Odessa	16.10.57
Willie White (USA)	6.16	(20'2 ¹ / ₂)	1	Warsaw	2. 8.58
Marga Weidner (Germany)	6.15	(20'2 ¹ / ₈)	2	Berlin	19. 8.56
Anneliese Seonbuchner (Germany)	6.15	(20'2 ¹ / ₈)	1	Lindau	8. 9.57
Sheila Hoskin (Great Britain)	(6.147)	20'2	1	Tooting	5. 5.56
Galina Segen (USSR)	6.14	(20'1 ³ / ₄)	1	Kiev	24. 6.56
Elisabeth Ja'kobi (Germany)	6.14	(20'1 ³ / ₄)	1	Stockholm	22. 8.58
Marthe Djian (Lambert) (France)	6.13	(20'1 ³ / ₈)	q	Stockholm	21. 8.58
Valentina Shaprunova (USSR)	6.13	(20'1 ³ / ₈)	1	Leningrad	31. 8.58
Christel Schulz (Germany)	6.12	(20'1)	1	Berlin	30. 7.39
Thelma Hopkins (Great Britain)	6.11	(20'1 ¹ / ₂)	1	Budapest	29. 9.56
Vilve Maremae (USSR)	6.11	(20'1 ¹ / ₂)	1	Leningrad	11. 7.57
Nelli Yeliseyeva (USSR)	6.11	(20'1 ¹ / ₂)	1	Moscow	11. 5.58
Jean Pickering (Desforges) (GB)	6.10	(20'1 ¹ / ₈)	1	Nienburg	30. 8.53
Aida Chuyko (Sukhoryabova)(USSR)	6.10	(20'1 ¹ / ₈)	1	Cracow	11. 7.58
Valentina Lituyeva (Bogdanova)(USSR)	6.10	(20'1 ¹ / ₈)	1	Moscow	6. 9.58
Galina Bezborodova (USSR)	6.09	(19'11 ³ / ₄)	2	Tbilisi	18.11.55
Maria Ciastowska (Poland)	6.09	(19'11 ³ / ₄)	1	Berlin	22. 6.58
Erika Junghanns (Germany)	6.07	(19'11)	1	Weissenfels	2.10.38
Rie Yamanouchi (Japan)	6.07	(19'11)	1	Nakamozu	31. 8.47
Galina Lebedyeva (USSR)	6.07	(19'11)	1	Leningrad	22. 9.56
Kiyoko Sugimura (Japan)	6.05	(19'10 ¹ / ₄)	1	Niigata	6. 8.51
Stanislawa Walasiewiczowna-Olsson(P)	(6.046)	19'10	1	Cleveland	6.38
Nina Tyurkina (USSR)	6.04	(19'9 ³ / ₄)		Moscow	18. 9.55
Maria Kusion-Bibro (Poland)	6.04	(19'9 ³ / ₄)	2	Poznan	8. 7.56
Nina Martinenko-Vinogradova (USSR)	6.03	(19'9)	1		.55
Zlata Rozkosna (Czechoslovakia)	6.03	(19'9)	2	Prague	22. 7.56
Vyera Krepkina (Kalashnikova)(USSR)	6.03	(19'9)	1	Paris	5. 9.57
Christa Stubnick (Seliger) (Germany)	6.03	(19'9)	1	Brno	12.10.57
Tatyana Dyemidova-Frolova (USSR)	6.03	(19'9)	1	Baku	27.10.57
Hildrun Claus (Germany)	6.03	(19'9)	1	Leipzig	2. 8.58
Wemmy Spierneburg(Scholtemeyer)(H)	6.03	(19'9 ³ / ₈)	1	Osnabruck	7. 9.58
Kathleen Russell (Jamaica)	6.02	(19'9)	1	Queenstown	4.52
Helga Hoffmann (Germany)	6.02	(19'9)	3	Berlin	19. 8.56
Anne Segouffin (France)	6.02	(19'9)	2	Poitiers	7. 8.58
Lena Stumpf (Germany)	6.01	(19'8 ⁵ / ₈)	1	Leer	30. 9.51
Maria Chojnacka (Poland)	6.01	(19'8 ⁵ / ₈)	1	Bydgoszcz	19. 7.58
Kreszentia Kopp (Gastl) (Germany)	6.01	(19'8 ⁵ / ₈)	1	Lindau	7. 9.58
Karin Schultze (Germany)	6.01	(19'8 ⁵ / ₈)	1	Cracow	14. 9.58

Performances Made with Assisting Wind:

Yvette Williams-Corlett (New Zealand)	(6.292)	20'7 ³ / ₄	1	Hamilton	22. 2.52
Sheila Hoskin (Great Britain)	(6.26)	20'6 ¹ / ₂	1	Maidstone	7. 7.56
Nancy Borwick (Australia)	(6.134)	20'1 ¹ / ₂	1	Melbourne	17.11.56
Thelma Hopkins (Great Britain)	(6.121)	20'1	1	Belfast	5. 5.56
Zlata Rozkosna (Czechoslovakia)	6.09	(19'11 ³ / ₄)	1	Prague	25. 8.57
Kinnue Hitomi (Japan)	6.07	(19'11)	1	Seoul	17.10.29
Fenna van Heerden (South Africa)	(6.046)	19'10	1	Tsuemb	25. 4.53
Erica Willis (Australia)	(6.02)	19'9	1	Sydney	16. 9.56

Shot Put

(p = made in pentathlon)

Galina Zibina (USSR)	16.76	(54'11 $\frac{7}{8}$)	1	Tashkent	13.10.56
Zinaida Doynikova (USSR)	16.60	(54'5 $\frac{1}{2}$)	1	Tashkent	21.10.56
Tamara Tyshkevich (USSR)	16.59	(54'5 $\frac{1}{8}$)	1	Melbourne	30.11.56
Tamara Press (USSR)	16.54	(54'3 $\frac{1}{8}$)	1	Tallin	20.7.58
Earlene Brown (USA)	16.54	(54'3 $\frac{1}{8}$)	1	Moscow	28.7.58
Valerie Sloper (New Zealand)	(16.472)	54'1 $\frac{1}{2}$ "	1	Christchurch	25.10.58
Maria Kuznetsova (USSR)	16.13	(52'11)	1	Bel. Cerkev	8.8.57
Ludmila Zhdanova (USSR)	15.95	(52'4)	4	Tbilisi	29.10.58
Marianna Werner (S-Entrup)(Germ.)	15.84	(52'3 $\frac{3}{4}$)	1	Duisburg	26.7.58
Johanna Lutge (Germany)	15.77	(51'8 $\frac{7}{8}$)	1	Steinach	5.10.58
Antonina Vashchenko (USSR)	15.74	(51'7 $\frac{5}{8}$)	5	Nalchik	21.4.58
Lyubov Sivtsova (USSR)	15.20	(49'10 $\frac{3}{8}$)	2	Kiev	20.7.58
Klavdiya Toshenova (USSR)	15.09	(49'6 $\frac{1}{8}$)	1	Turku	2.8.52
Judit Bognar (Hungary)	15.08	(49'5 $\frac{3}{4}$)	1	Budapest	14.6.58
Nadja Kotlusek (Yugoslavia)	15.04	(49'4)	1	Ljubljana	14.10.56
Valentina Nazarova (USSR)	15.04	(49'4)	6	Tbilisi	29.10.58
Anna Andreyeva (USSR)	15.02	(49'3 $\frac{3}{8}$)	1	Ploesti	9.11.50
Irina Kudryavtseva (USSR)	15.00	(49'2 $\frac{1}{2}$)	7	Tbilisi	29.10.58
Tatyana Sevryukova (USSR)	14.93	(48'11 $\frac{3}{4}$)	1	Moscow	14.9.52
Wilfriede Tews-Hoffmann (Germany)	14.93	(48'11 $\frac{3}{4}$)	1	Sofia	6.11.55
Anne-Chatrine Lafrenz (Germany)	14.90	(48'10 $\frac{5}{8}$)	1	Dortmund	15.6.58
Lore Klute (Germany)	14.90	(48'10 $\frac{5}{8}$)	1	Kassel	3.8.58
Ane Coman (Ruth) (Rumania)	14.87	(48'9 $\frac{3}{8}$)	1	Sofia	24.5.58
Mathilde Hartl (Germany)	14.85	(48'8 $\frac{5}{8}$)	2	Kassel	3.8.58
Milena Usenik (Yugoslavia)	14.83	(48'7 $\frac{7}{8}$)	1	Celje	20.7.58
Anna Logina (USSR)	14.74	(48'4 $\frac{3}{8}$)	1	Riga	25.5.58
Galina Vlasova (USSR)	14.74	(48'4 $\frac{3}{8}$)	1	Charkov	27.9.58
Ludmila Kalacheva (USSR)	14.71	(48'3 $\frac{1}{8}$)	1	D-Petrovsk	22.8.56
Eugenia Rusin (Poland)	14.71	(48'3 $\frac{1}{8}$)	1	Chorzow	5.10.57
Lea Maremae (USSR)	14.66	(48'1 $\frac{1}{8}$)	1	Leningrad	20.7.55
Suzanne Allday (Farmer) (G.B.)	14.66	(48'1 $\frac{1}{8}$)	5	Stockholm	23.8.58
Alla Dyemidenko (USSR)	14.65	(48'2 $\frac{3}{4}$ "	1	Kiev	13.4.57
Vyera Dmitryuk (Guchkova)(USSR)	14.64	(48'2 $\frac{3}{8}$ "	1		.54
Gertrud Kille (Schluter) (Germany)	14.61	(47'11 $\frac{1}{4}$)	1	Berlin	29.6.52
Regina Branner (Austria)	14.60	(47'10 $\frac{3}{4}$)	7	Melbourne	30.11.56
Jaroslava Liskova (Jungrova)(Czech.)	14.58	(47'10)	1	Brno	5.7.58
Valentina Gordeyeva (USSR)	14.52	(47'5 $\frac{5}{8}$)	1	Malakhovka	16.6.56
Jadwiga Klimaj (Konik) (Poland)	14.52	(47'5 $\frac{5}{8}$)	1	Zabrze	30.9.56
Galina Gulevata (USSR)	14.48	(47'6 $\frac{1}{8}$)	2	Simferopol	24.9.58
Yelena Gorchakova (USSR)	14.47	(47'5 $\frac{3}{4}$)			.56
Adela Tislerova (machackova)(Czech.)	14.45	(47'4 $\frac{7}{8}$)	1	Celakovice	19.6.55
Anna Petrochenko (USSR)	14.45	(47'4 $\frac{7}{8}$)	1	Charkov	14.9.57
Gisela Mauermeyer (Germany)	14.38	(47'2 $\frac{1}{8}$)	1	Warsaw	15.7.34
Maria Fener (Hungary)	14.36	(47'1 $\frac{3}{8}$)		Budapest	20.8.57
Lidia Sharamovich (Bulgaria)	14.36	(47'1 $\frac{3}{8}$)	1	Sofia	26.10.58
Marlene Biedermann (Germany)	14.34	(47'5 $\frac{5}{8}$ "	2	Gladbeck	9.5.54
Aleksandra Chudina (USSR)	14.33	(47'1 $\frac{1}{8}$ "	p	Tbilisi	14.11.55
Lyubov Yakovtseva (USSR)	14.33	(47'1 $\frac{1}{8}$ "	1	Stavropol	19.10.58
Jackqueline McDonald-Gelling(Canada)	14.31	(46'11 $\frac{3}{8}$)	10	Melbourne	30.11.56
Galina Grinvalde (Yermolenko)(USSR)	14.30	(46'11)	p	Tbilisi	1.11.58

Made with slightly lighter implement:

Jadwiga Klimaj (Konik) (Poland)	14.67	(48'1 $\frac{1}{2}$)	1	Krywald	2.6.57
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